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NOTES.

WE make the following extract from Mr. Milne Holme's late address before the Edinburgh Geological Society:—

"In America every state has its state geologist, with assistants, whose duty it is not merely to map discoveries by others, but to make researches. A specimen of the work done by one of the American state geologists, I have brought here this evening. It far exceeds, in fulness of detail and artistic skill, anything which I have seen produced by our government surveyors."

By the report of the Director of the New York Central Park menagerie, we notice that the number of animals on exhibition during 1873 was eight hundred and six, an increase of two hundred and five over the previous year. Among them are a manatee and a tapir, the first of the species ever imported to this country.

PROF. ASA GRAY has been appointed one of the Regents of the Smithsonian Institution, in place of the late Prof. Agassiz.

ANSWER TO CORRESPONDENT.

H. K. H., Mich. — The caterpillar you sent formed a cocoon in the box and disclosed the moth. — *Tolype velleda* Stoll.

BOOKS RECEIVED.

- Contributions to Solar Physics.* By J. Norman Lockyer. 8vo, pp. 676. With 175 figs. 6 plates. MacMillan and Co. Price \$10.00. London, 1874.
- Fourth Annual Report of the Commissioners of Fisheries of the State of New Jersey for the year 1873.* 8vo, pp. 32. Trenton, 1873.
- On the Structure and Affinities of the Brontotheriidae.* By O. C. Marsh. 8vo, pp. 6. 2 plates. (From Am. Jour. Sci. and Arts, Vol. vii, Jan., 1874.) Rec'd Jan. 5, 1874.
- Note Additionnelle au Memoire de M. W.-T. Brigham, intitule, Volcanic Manifestations in New England.* By Albert Lancaster. (Memoirs Boston Soc. Nat. Hist., Vol. ii, Part ii, No. iv) 4to, pp. 7. Boston, 1873.
- Embryology of Terebratulina.* By Edward S. Morse. (Memoirs Boston Soc. Nat. Hist., Vol. ii, Part iii, No. i.) 4to, pp. 16. 2 plates. Boston, 1873.
- Explorations of 1872: U. S. Geological Survey of the Territories under F. W. Hayden; Snake River Division.* 8vo, pp. 14. (From Am. Jour. Sci. and Arts, Vol. vi, Sept., 1873.)
- Twenty-first Annual Report of the Trustees of the Peabody Institute of Peabody.* 8vo, pp. 28. Peabody, 1873.
- Louis Agassiz as a Teacher of Science.* (Remarks of Prof. D. C. Gilman, at the Memorial Meeting of the California Academy of Sciences, Dec. 22, 1873.) 8vo, pp. 8.
- The Origin and Propagation of Disease.* (Anniversary Discourse delivered before the N. Y. Academy of Medicine, Nov. 20, 1873.) By John C. Dalton. Appleton & Co., New York, 1874.
- Manual of Physical Geography and Institutions of the State of Iowa.* By C. A. White. Small 4to, pp. 85. 3 maps and several woodcuts. Day, Egbert & Fidler, Davenport, 1873.
- Anwendung der Darwinischen Lehre auf Bienen.* By Hermann Muller. 8vo, pp. 92. 2 plates. Bonn.
- Seltsame Geschichte eines Tagfalters.* Von Samuel H. Seudler. 8vo, pp. 8.
- The Birds of North America drawn from life and uniformly reduced to one-quarter their natural size.* By Theo. Jasper. Large 4to. Pt. 5. Jacob H. Studer, Publisher, Columbus, Ohio.
- Jahrbuch der Kaiserlich-königlichen geologischen Reichsanstalt.* 4to. Band xxiii, No. 2. Wien, 1873. Verhandlungen, 1873. Nos 7-10.
- Bulletin Mensuel de la Societe d'Acclimatation.* 8vo, tome x. June-Sept. Paris, 1873.
- Tenth Annual Report of the Belfast Naturalists' Field Club.* 1872-73. 8vo. Belfast, 1873.
- Extraits de Geologie.* Par MM. Delesse et de Lapparent. 8vo, pp. 165.
- Untersuchungen über die Pseudomorphosen.* By Herr Delesse. 8vo, pp. 10. (Abdruck a. d. Zeitschr. d. deutschen geologischen Gesellschaft, Jahrg., 1870.)
- Rapport sur un Memoire de M. Delesse, intitule "Etude des deformations subies par les terrains de la France."* 4to, pp. 3. (Extrait des Comptes rendus des seances de l'Academie des Sciences, t. lxxiv, seances du 24 Juin, 1872.)
- Bulletin of the U. S. Geological and Geographical Survey of the Territories, I.* pp. 28. Jan., 1874.
- Catalogue of the Phalenidæ of California, II.* By A. S. Packard, Jr. From Proceedings Boston Soc. Nat. Hist. 8vo, pp. 27. Published Jan., 1874.